

Figure 1

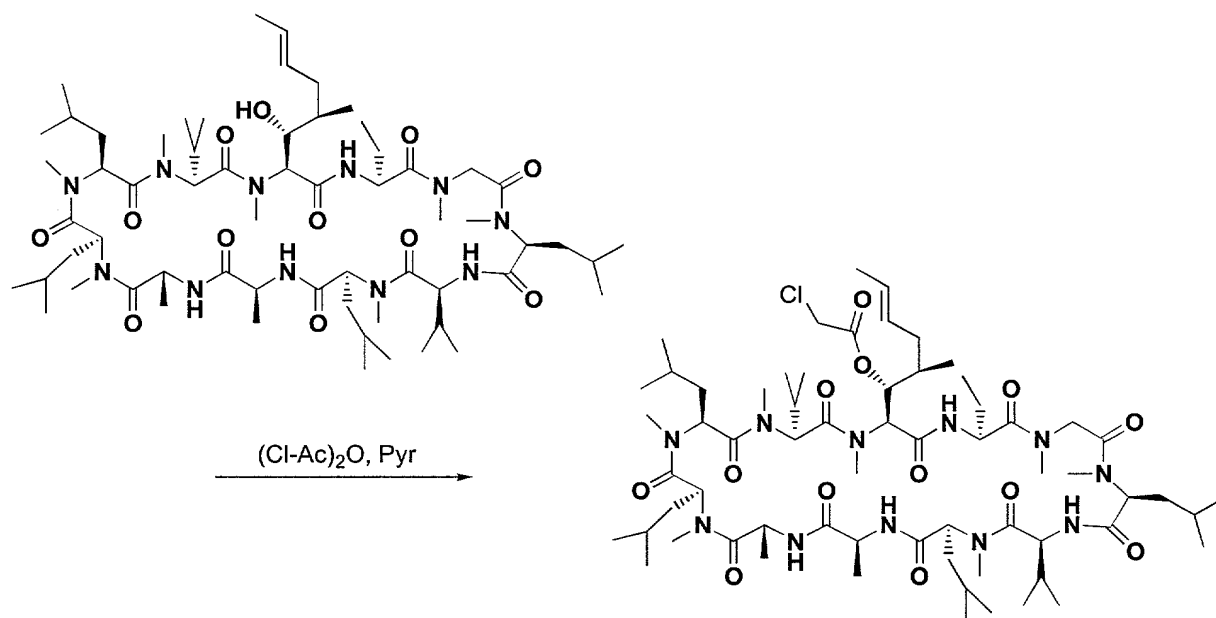


Figure 2

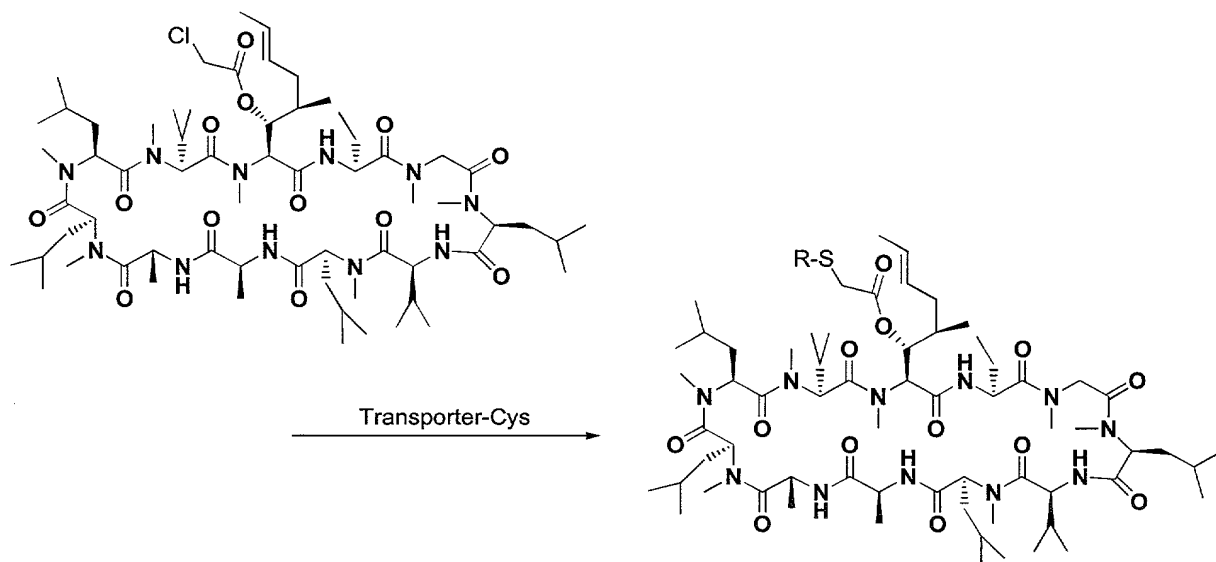
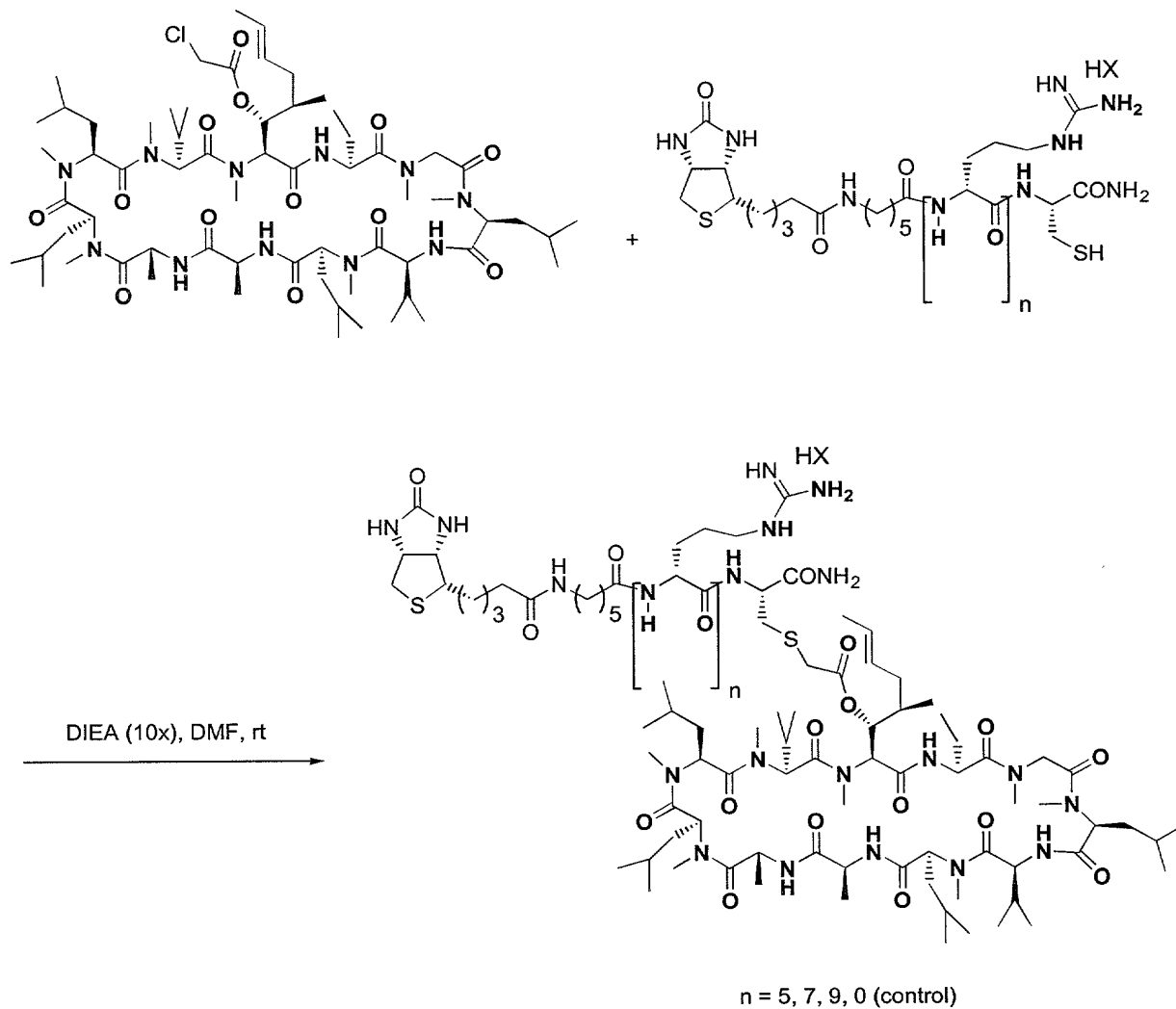
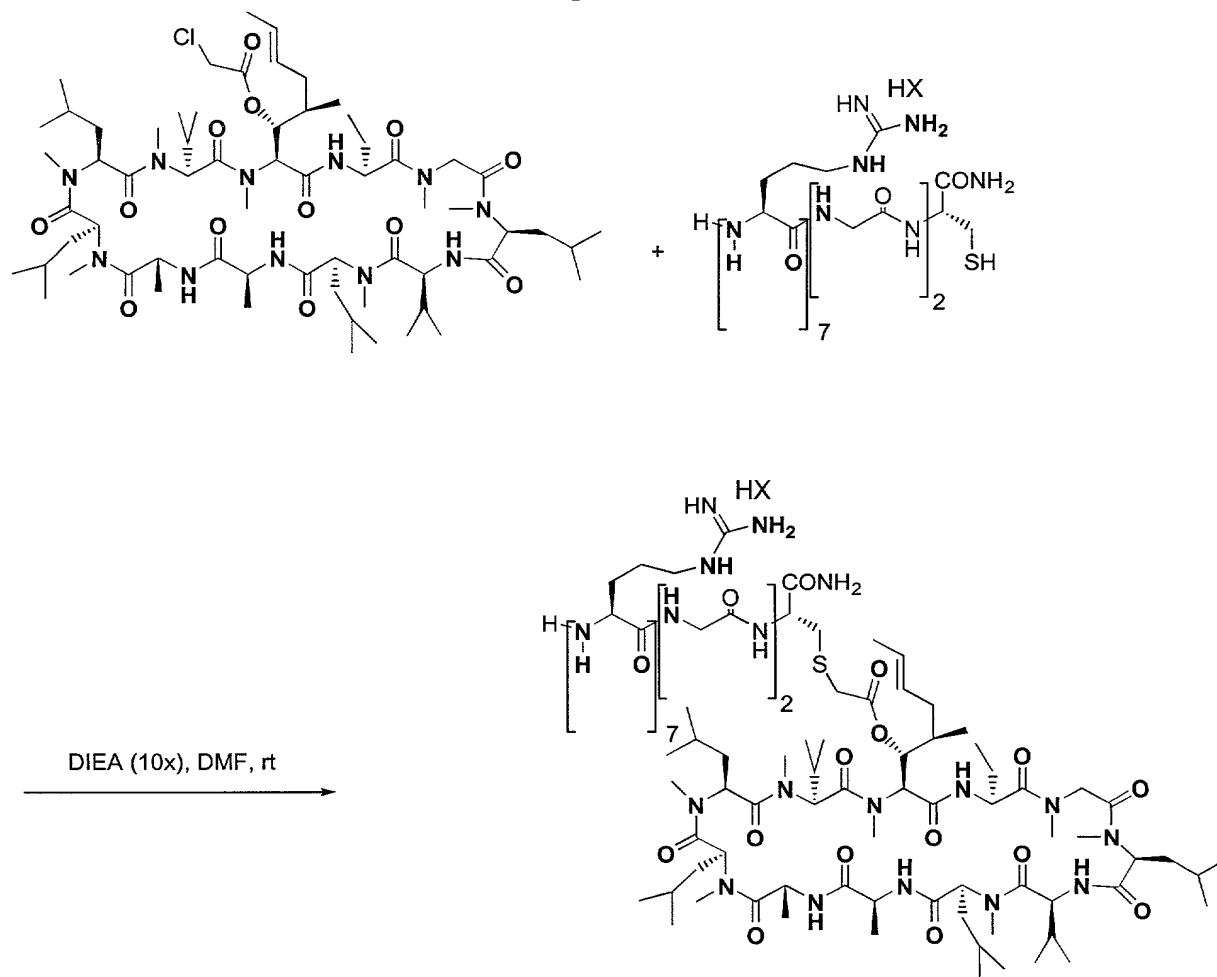


Figure 3





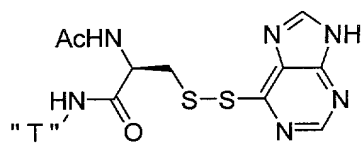


Figure 5A

I

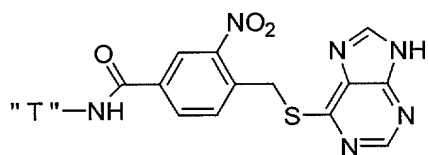


Figure 5B

II

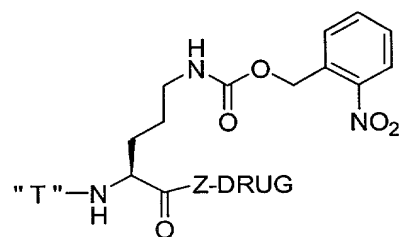


Figure 5C

III

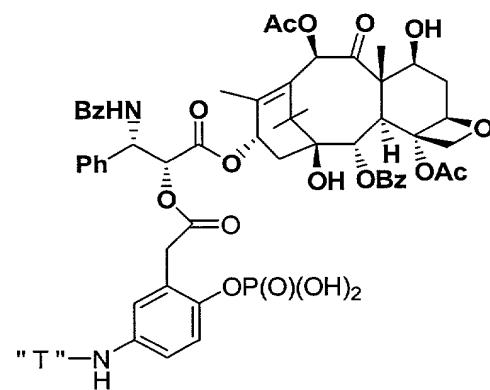


Figure 5D

IV

Figure 5E

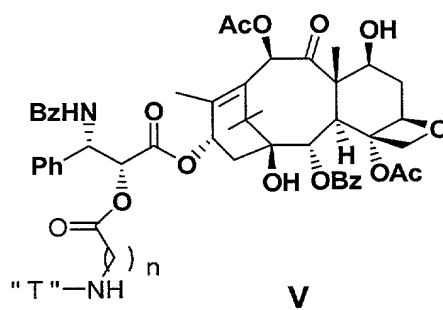


Figure 5F

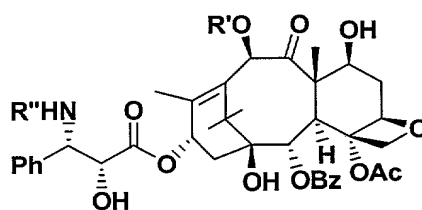


Figure 5G

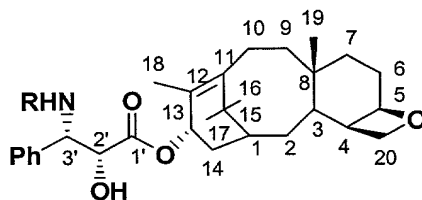


Figure 5H

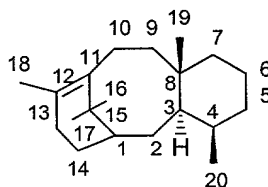
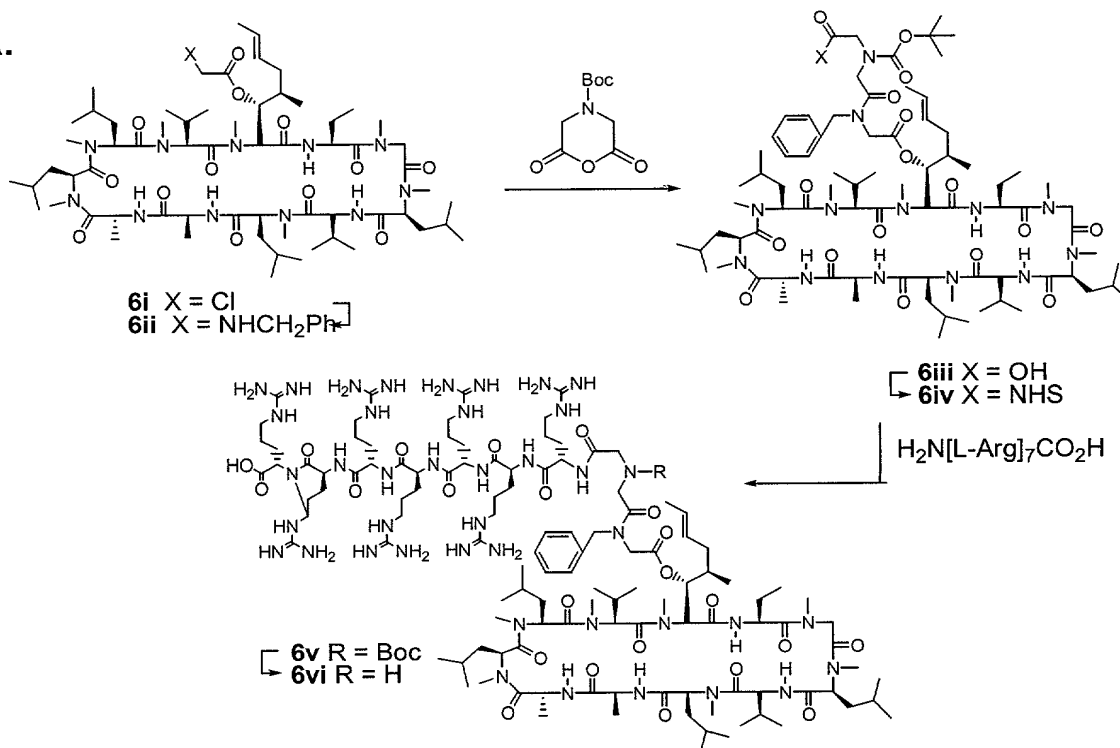


Figure 6

A.



B.

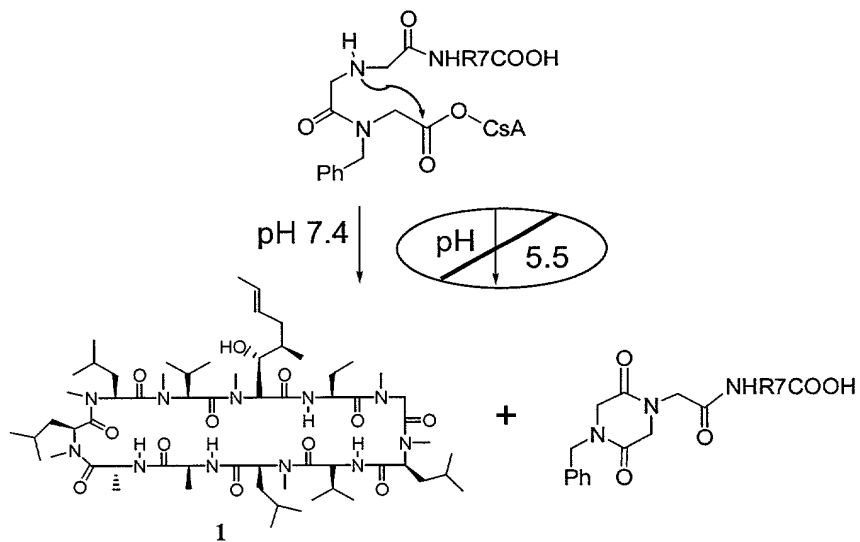


Figure 7

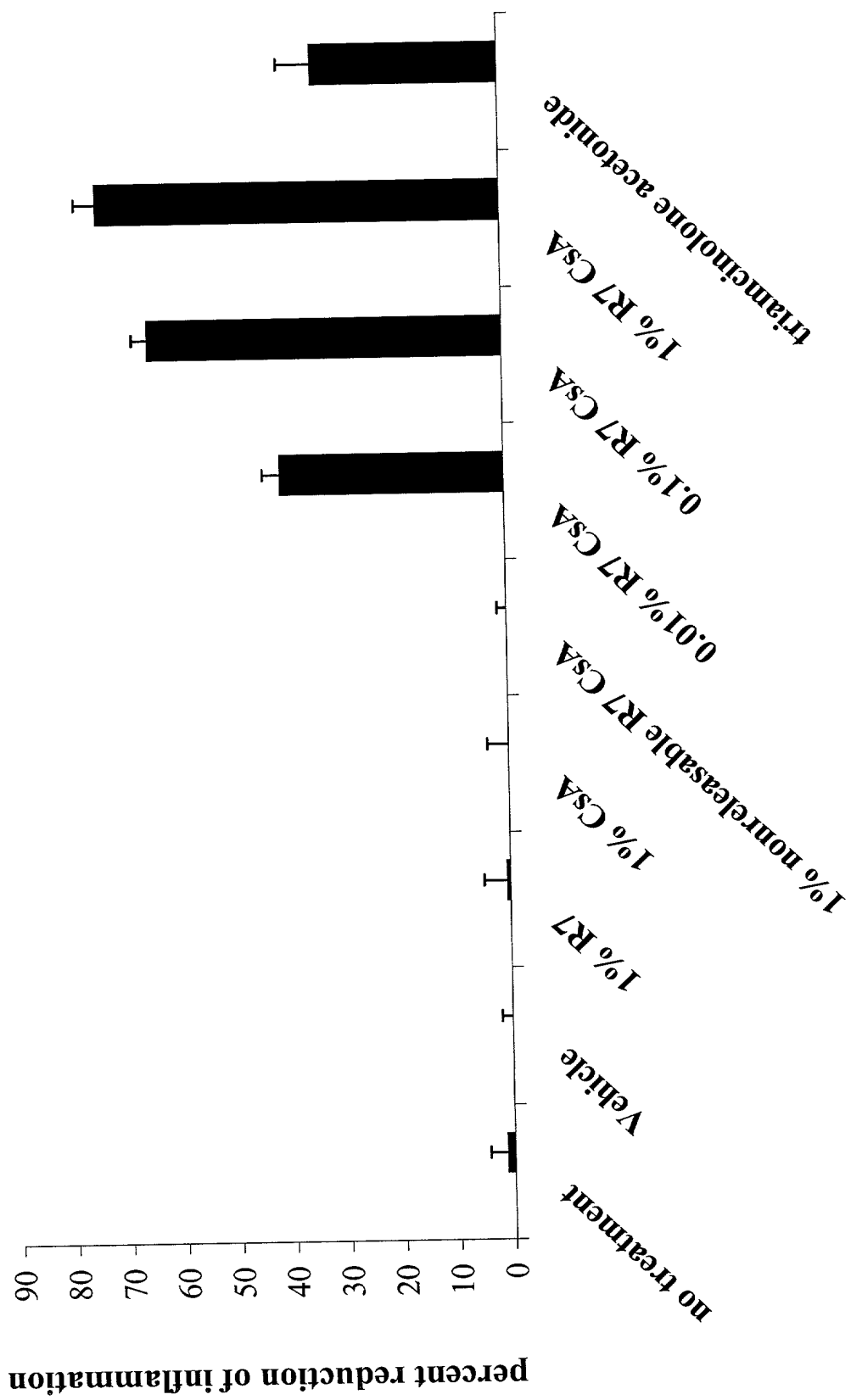


Figure 8

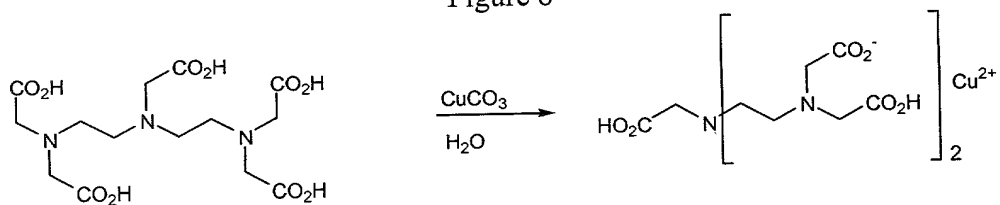


Figure 9

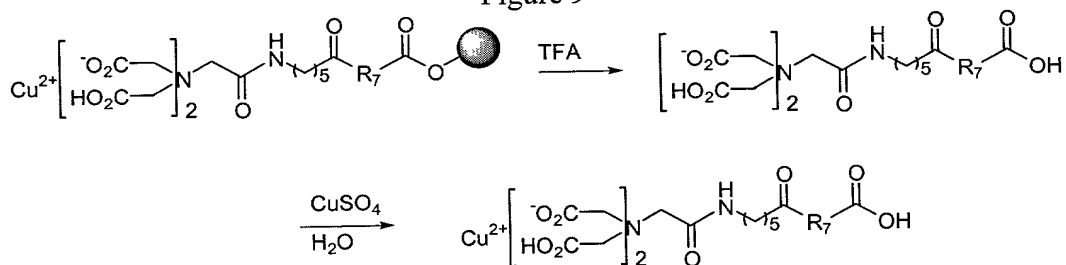


Figure 10

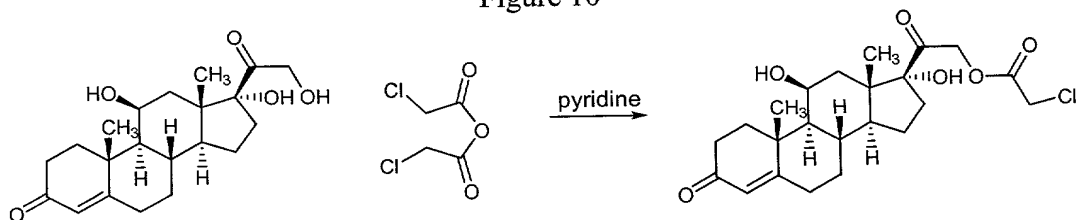
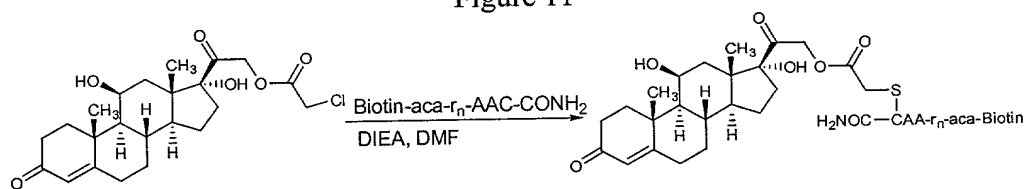


Figure 11



$n = 5 \text{ and } 7$



Figure 12

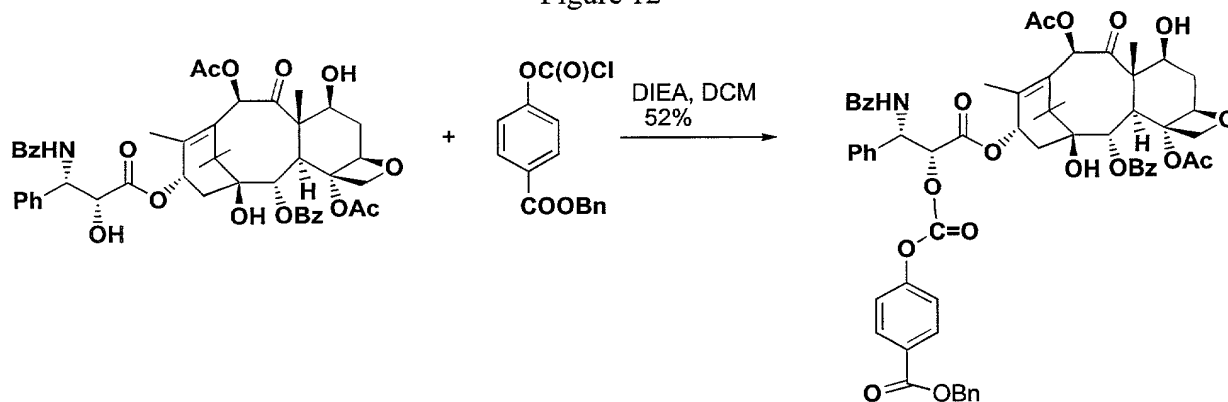


Figure 13

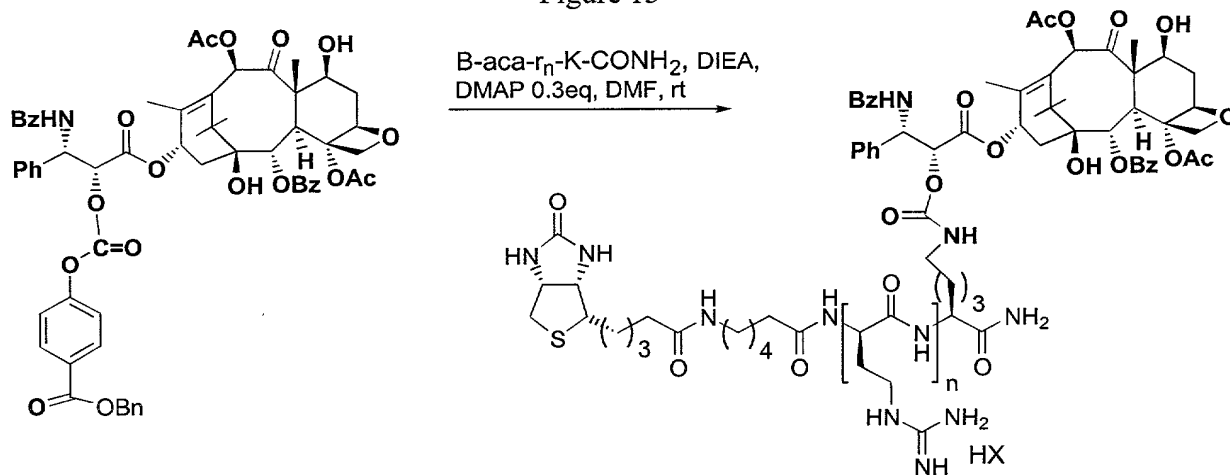


Figure 14

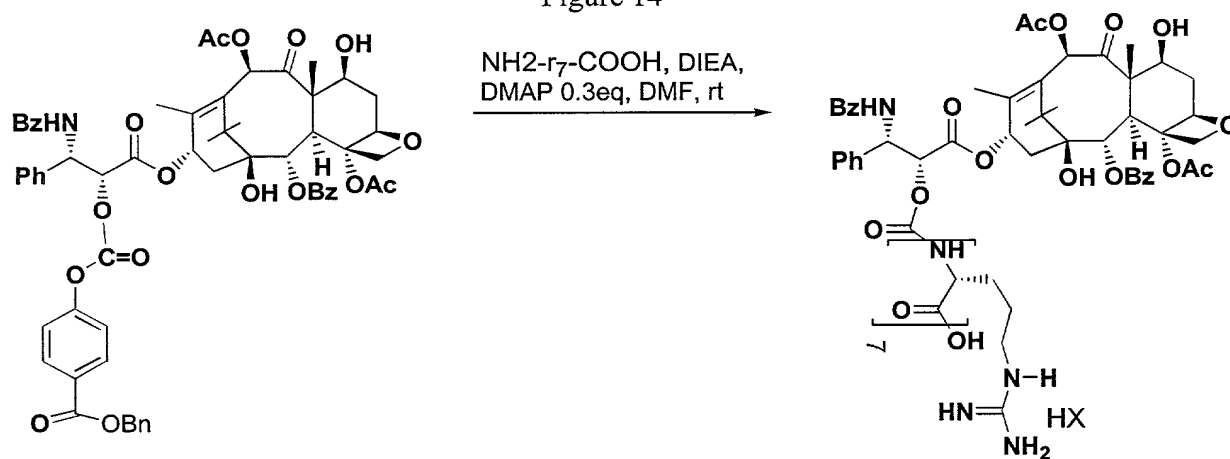


Figure 15A

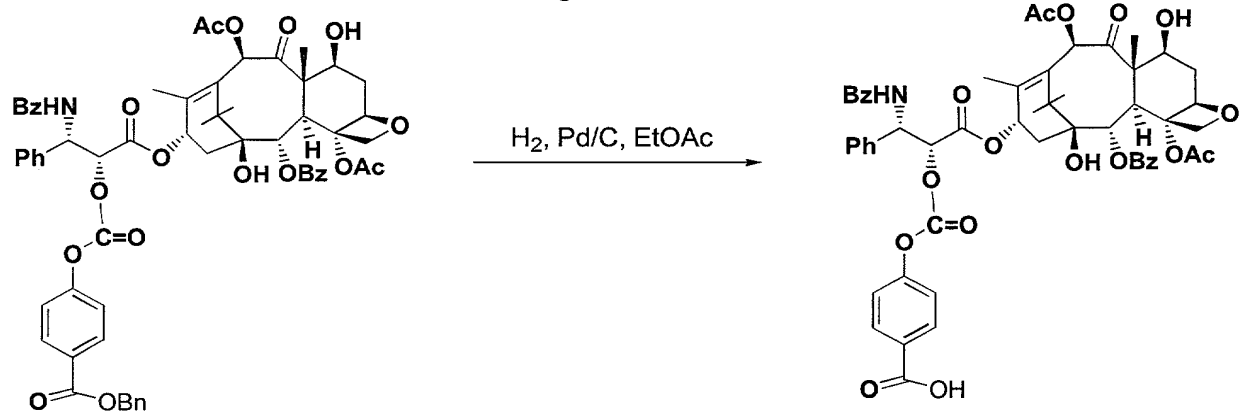
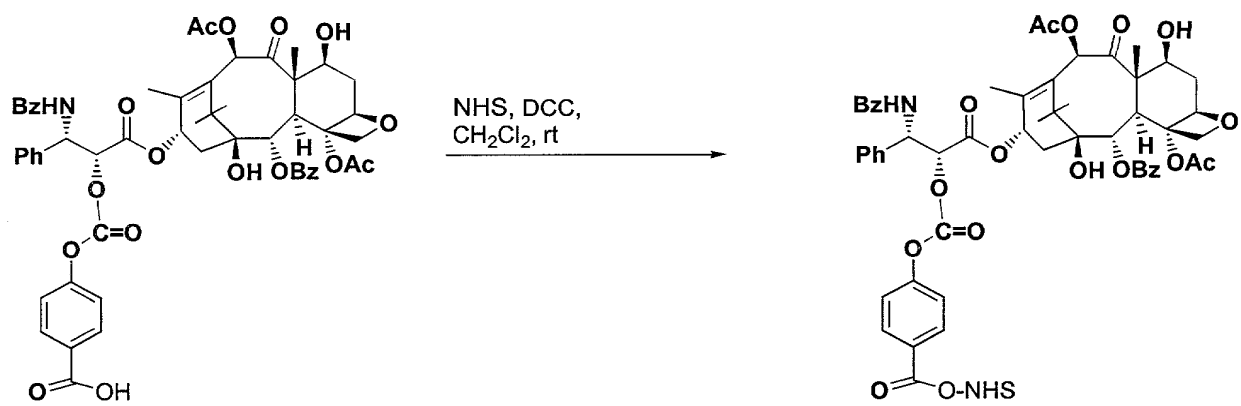


Figure 15B



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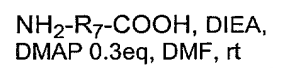


Figure 16

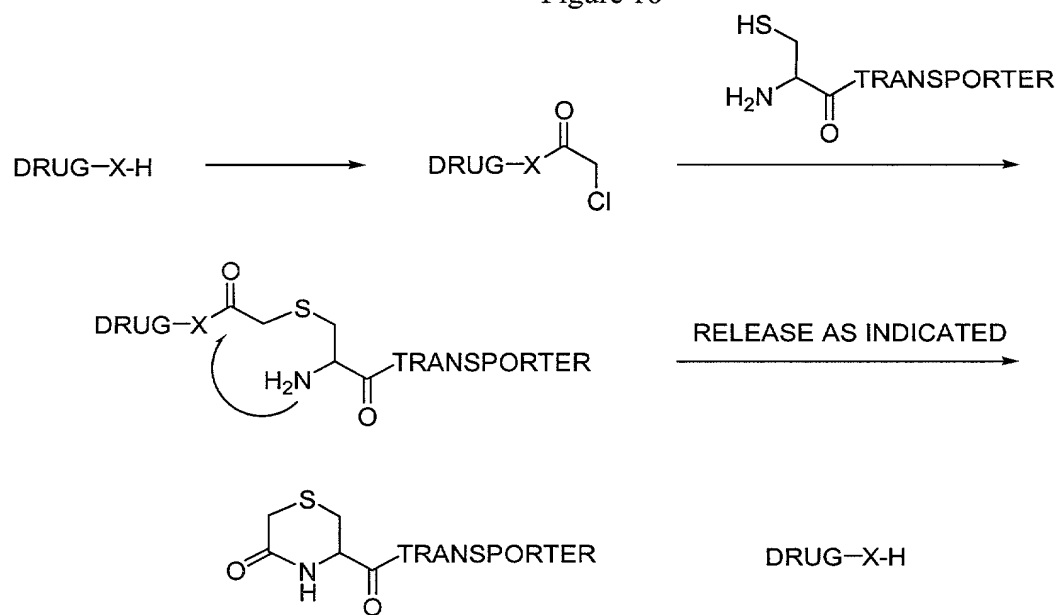


Figure 17

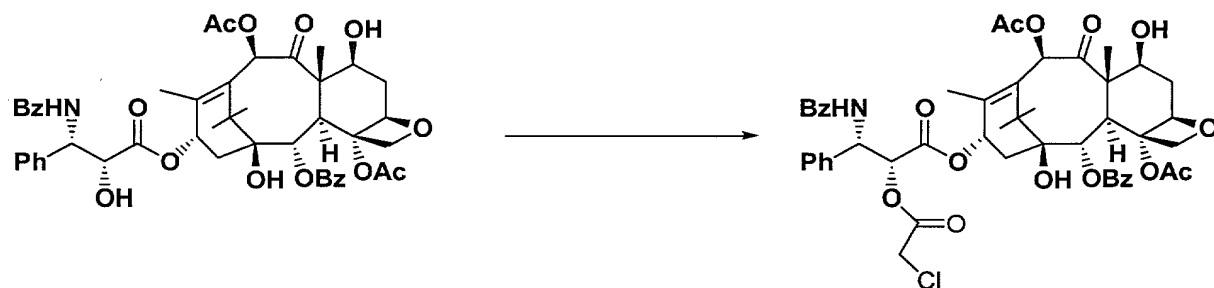


Figure 18

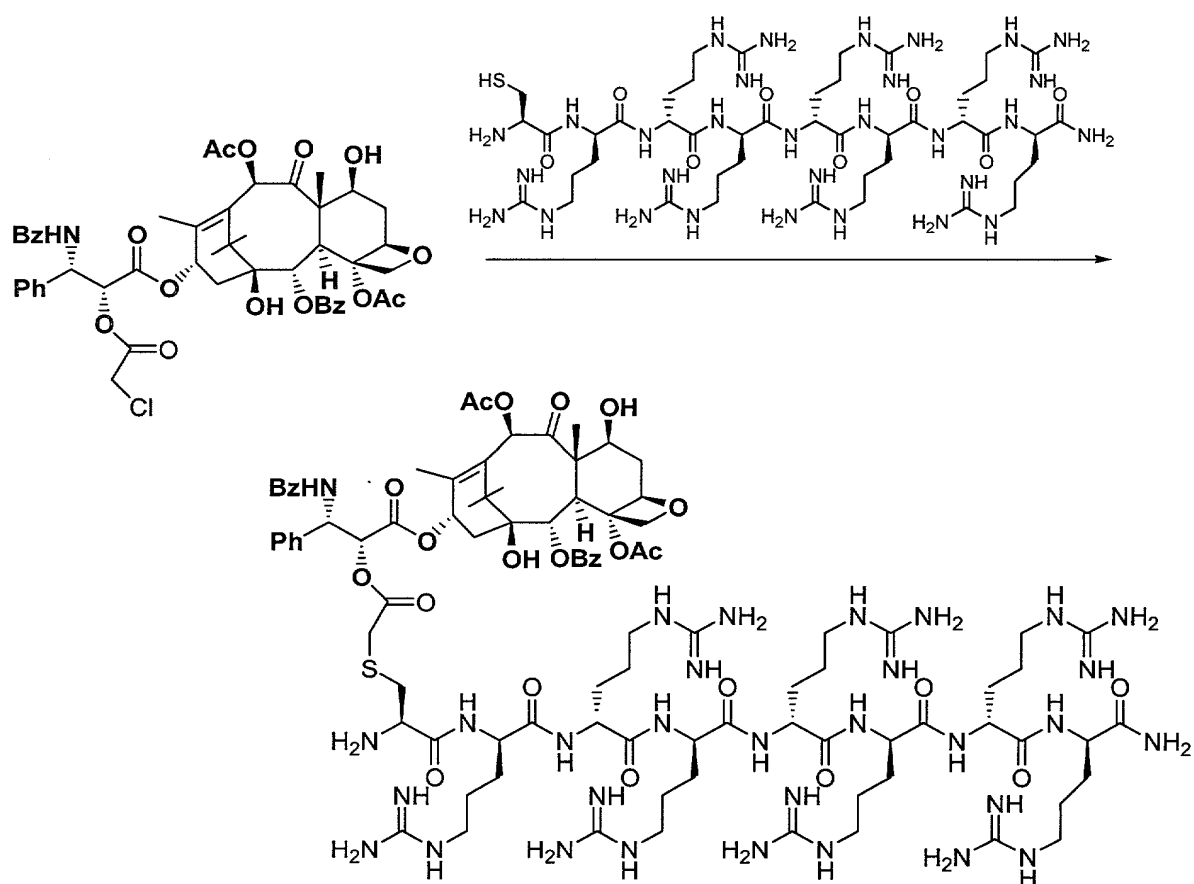


Figure 19

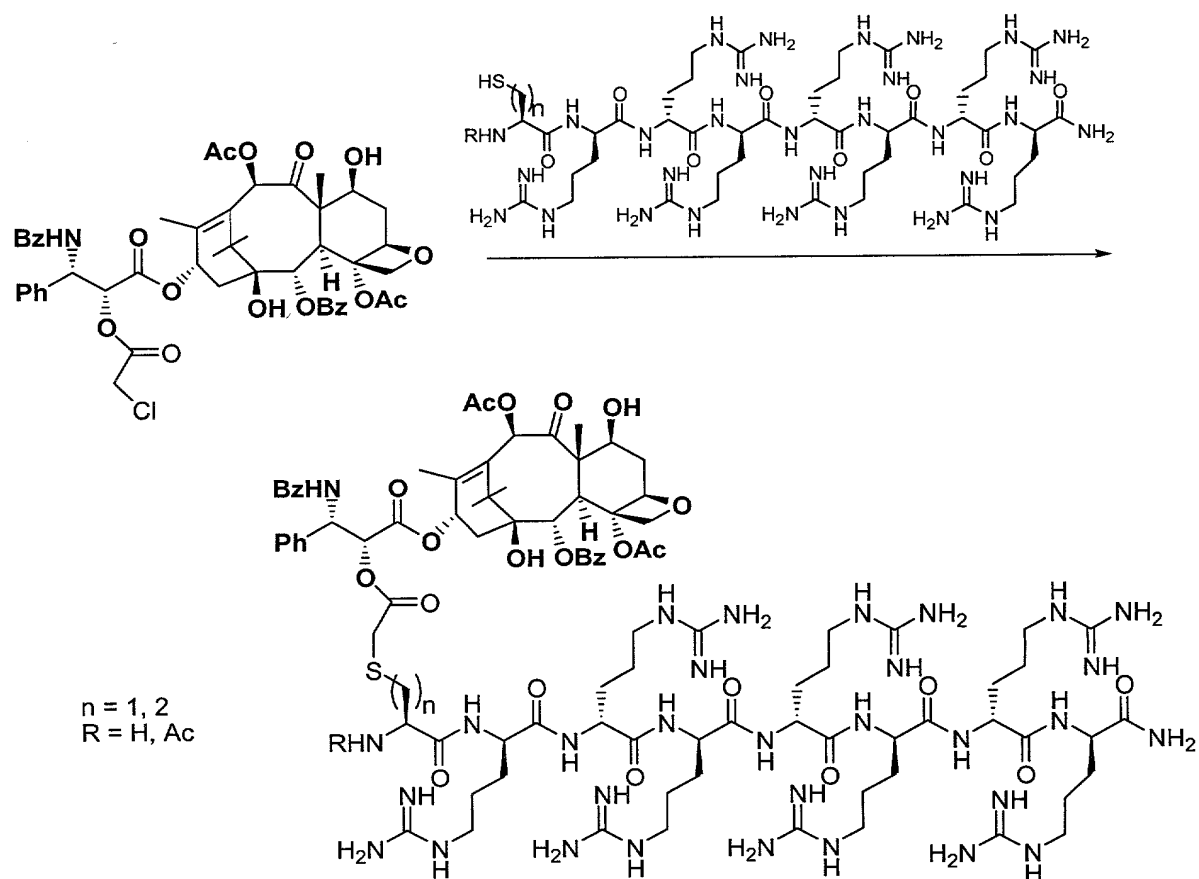


Figure 20

MTT Cytotoxicity Assay  
3 day assay

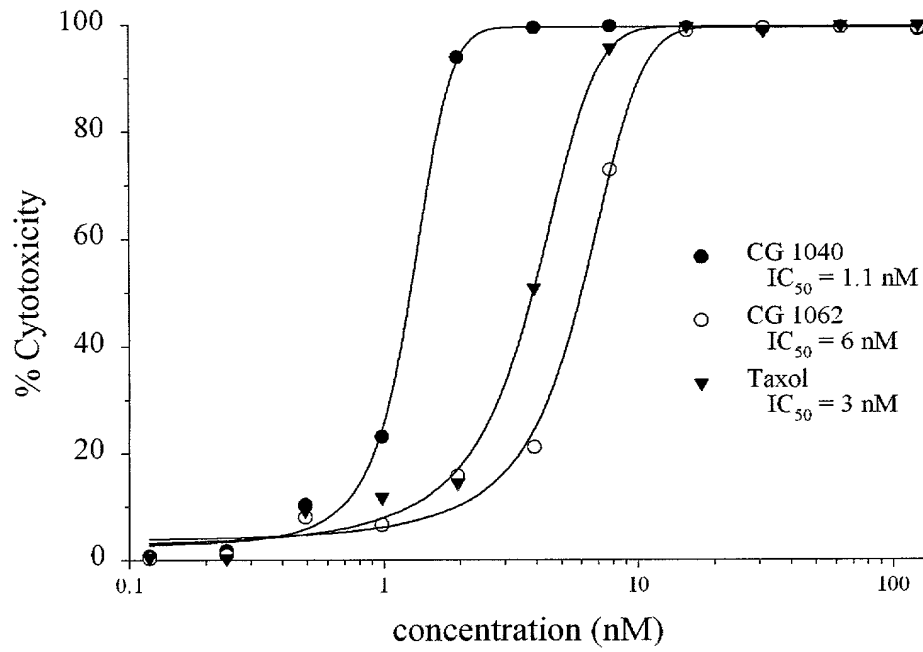




Figure 21

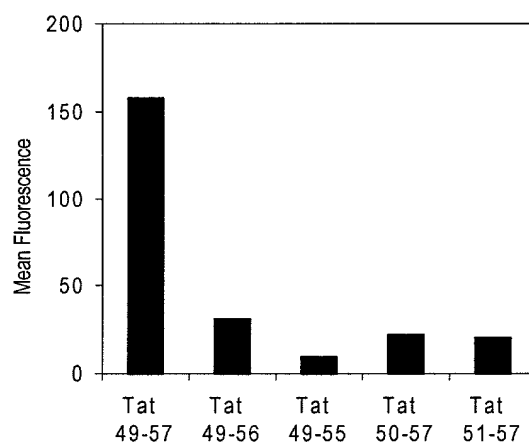


Figure 22

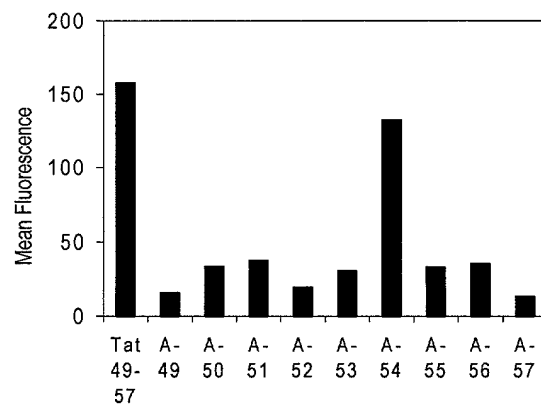


Figure 23

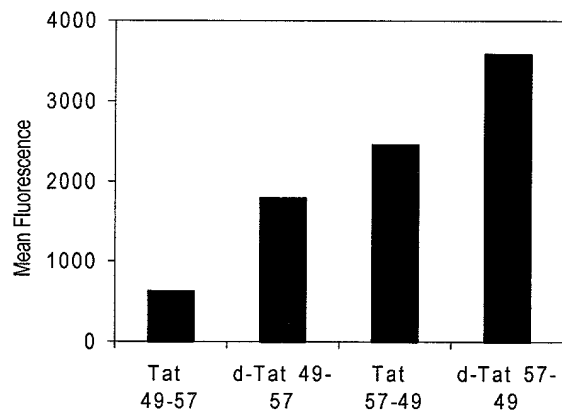


Figure 24

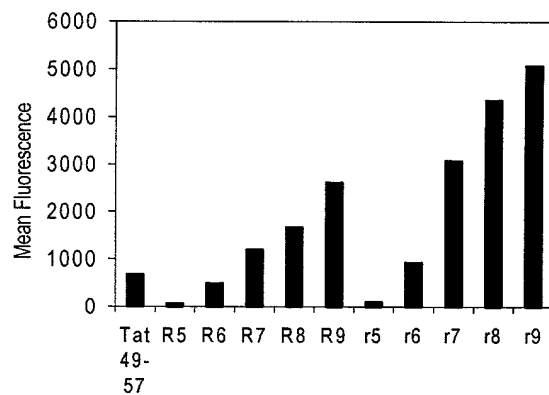


Figure 25

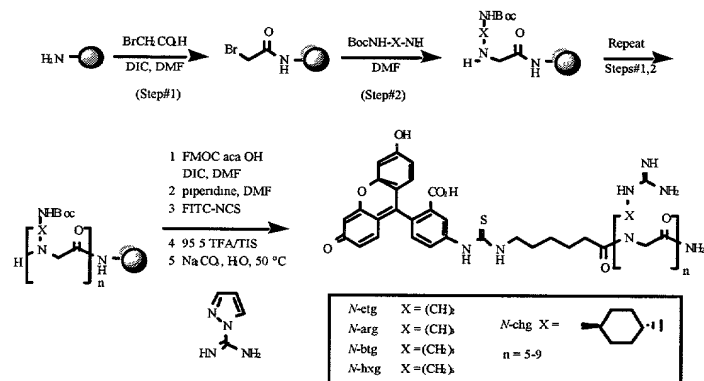
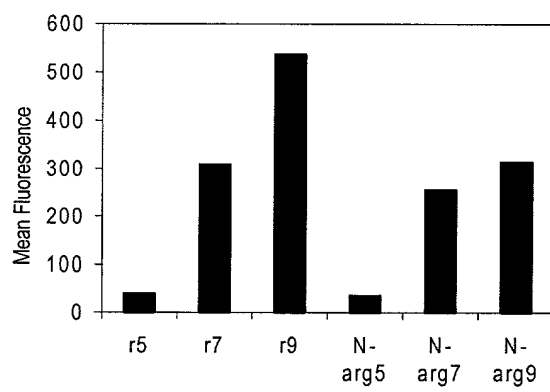


Figure 26



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Figure 27

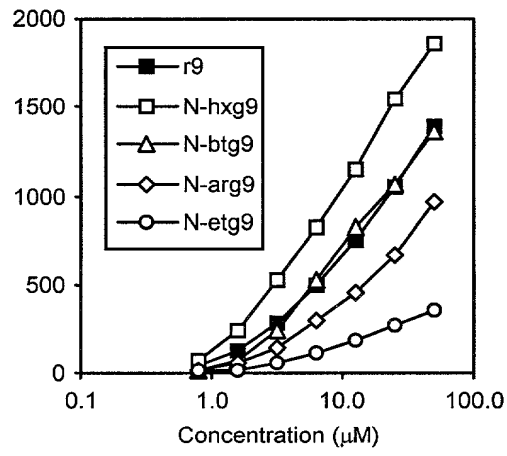


Figure 28

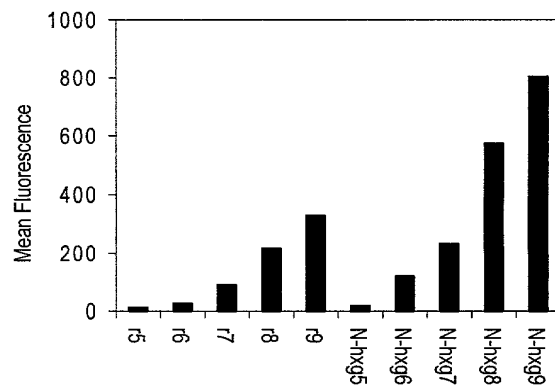
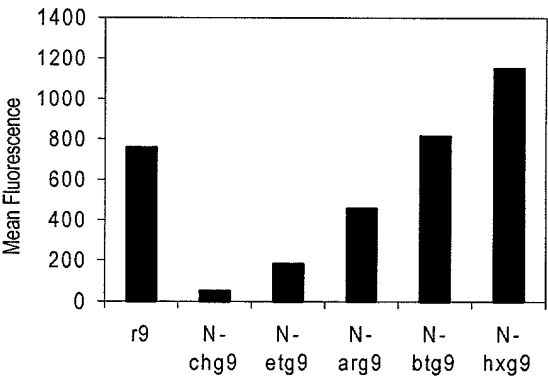
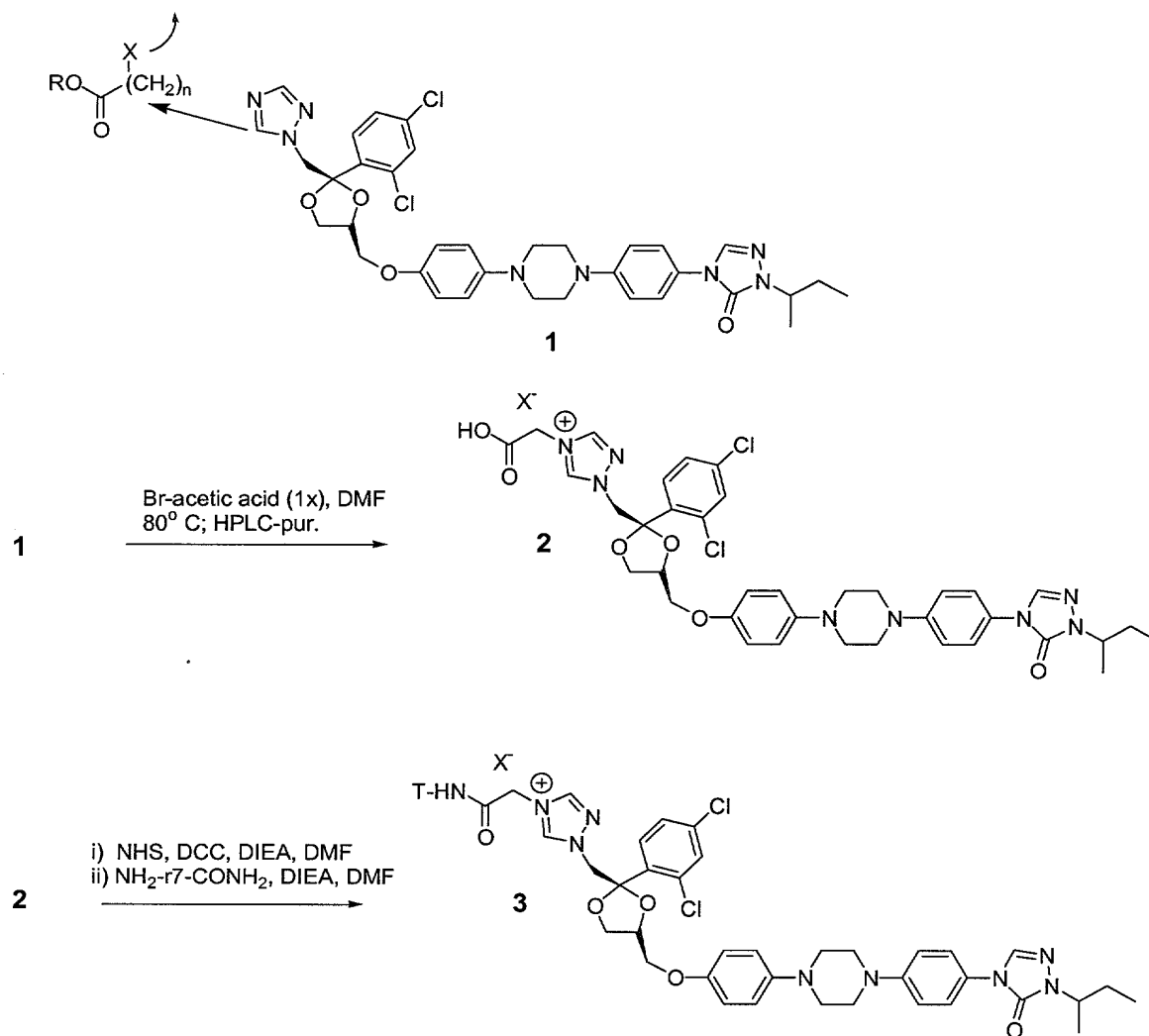


Figure 29



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Figure 30

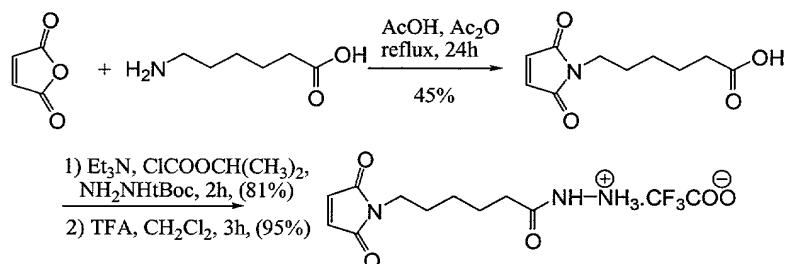


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Figure 31A

**Synthetic Schemes for FK 506 Conjugates**

**Scheme I (Linker: 6-Maleimido caproic hydrazide, TFA salt)**



Ref. Willner et al; Bioconjugate Chemistry, 1993, 4, 521-527

**Scheme II**

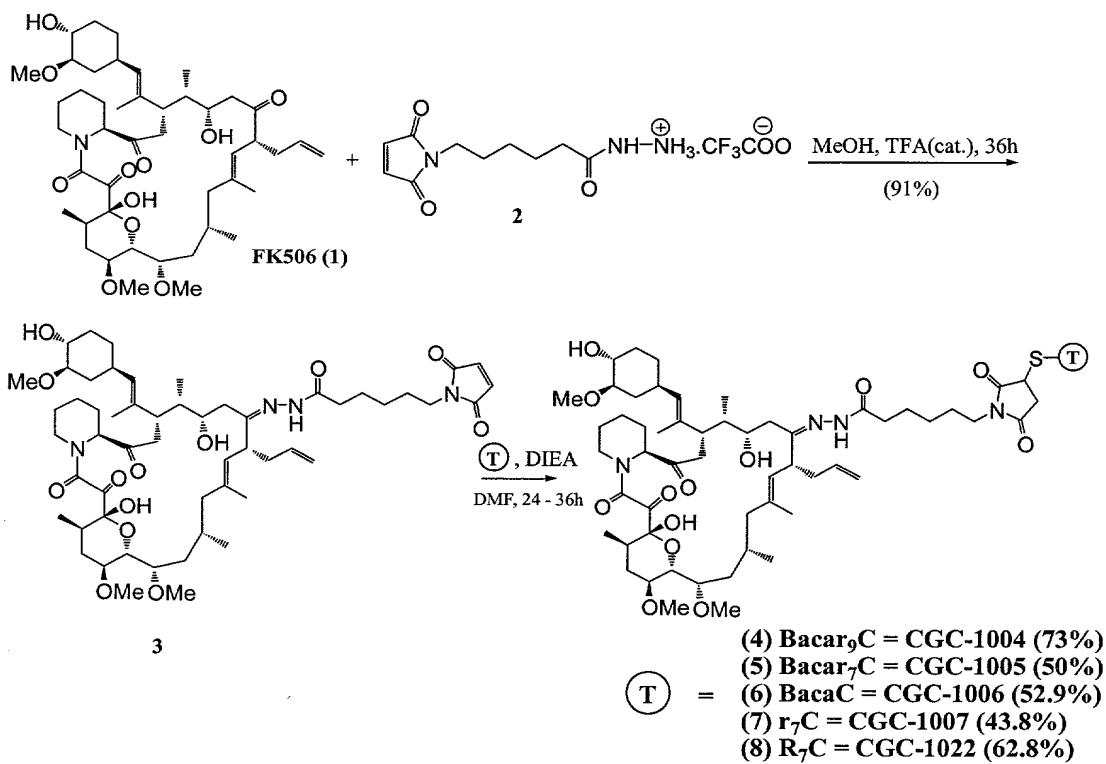
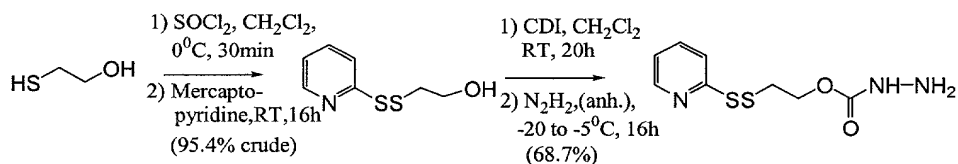


Figure 31B

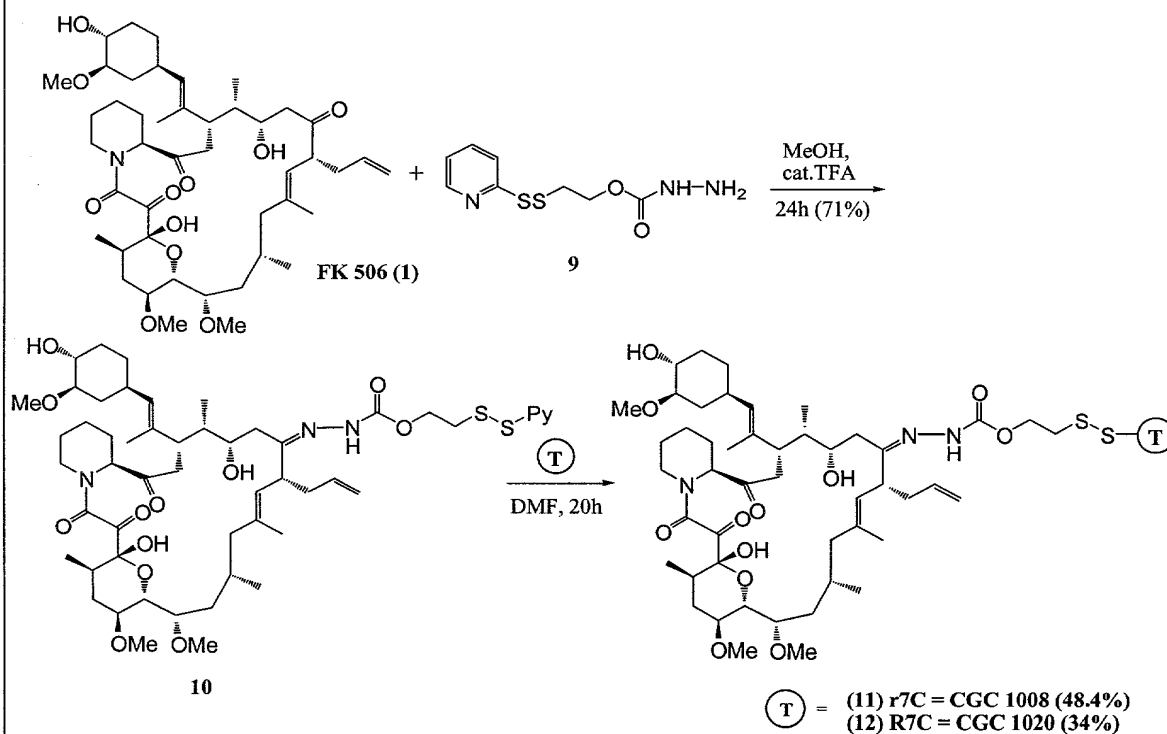
**Synthetic Schemes for FK 506 Conjugates (contd.)**

**Scheme III** (Linker: 2-(2-pyridinyldithio)ethyl hydrazine carboxylate)



Ref. Kaneko et al; Bioconjugate Chemistry, 1991, 2, 133

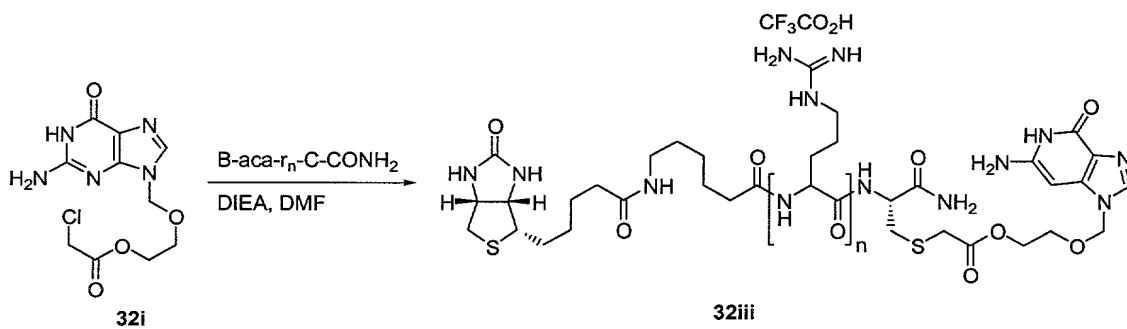
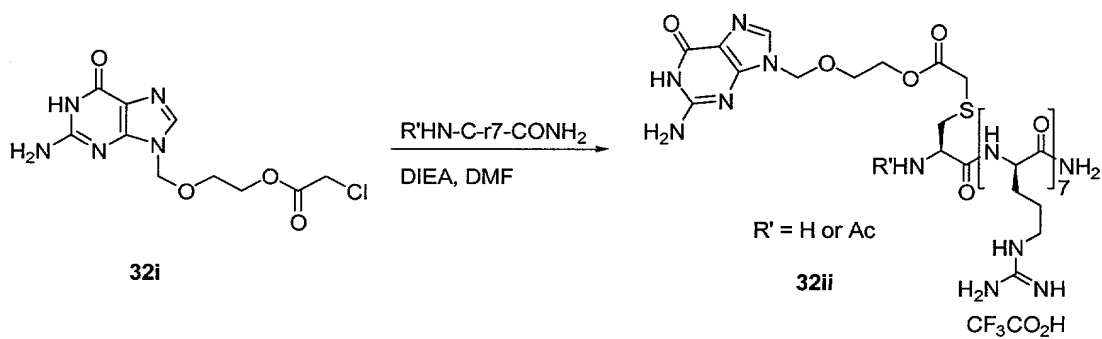
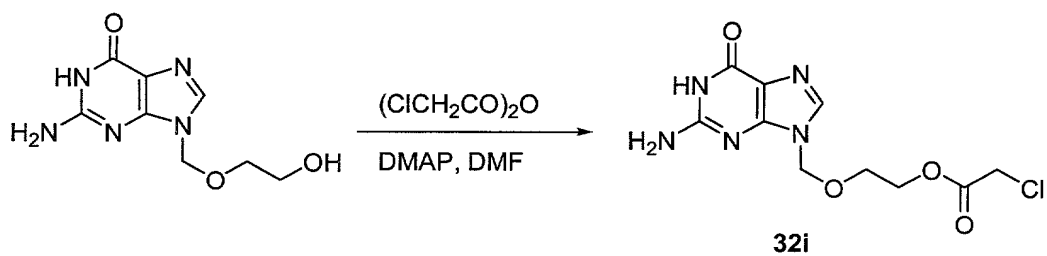
**Scheme IV** (Linker: 2-(2-pyridinyldithio)ethyl hydrazine carboxylate)



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FIGURE 32



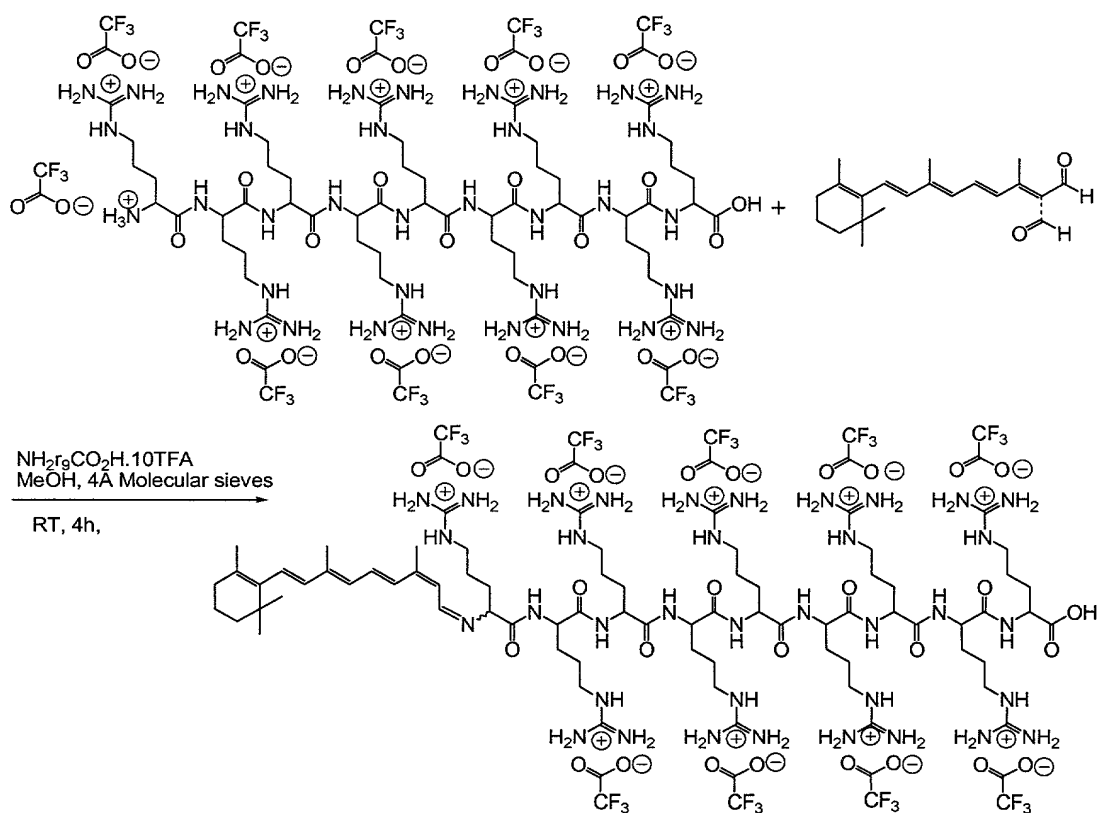
[illegible]

FIGURE 34

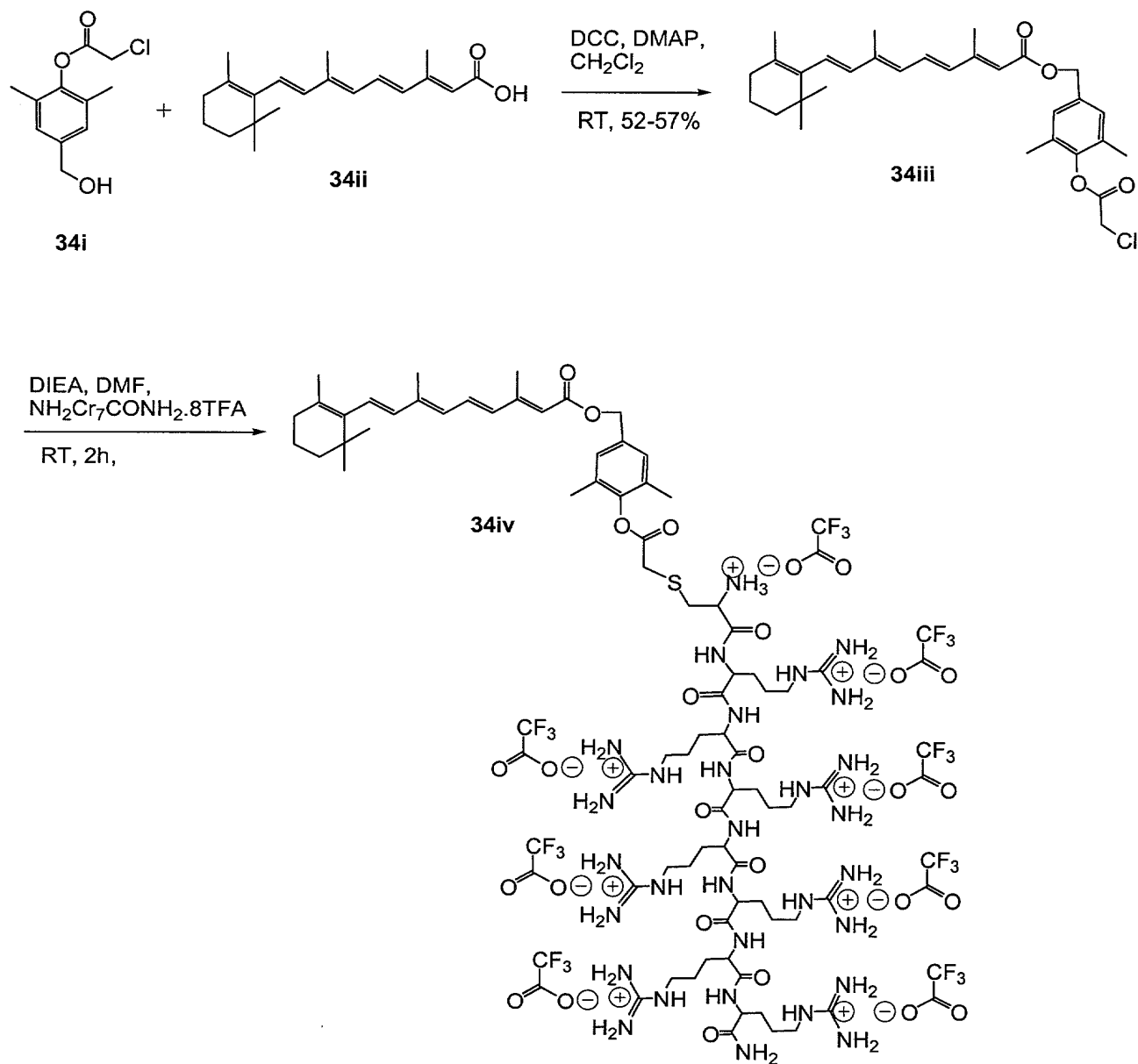


FIGURE 35

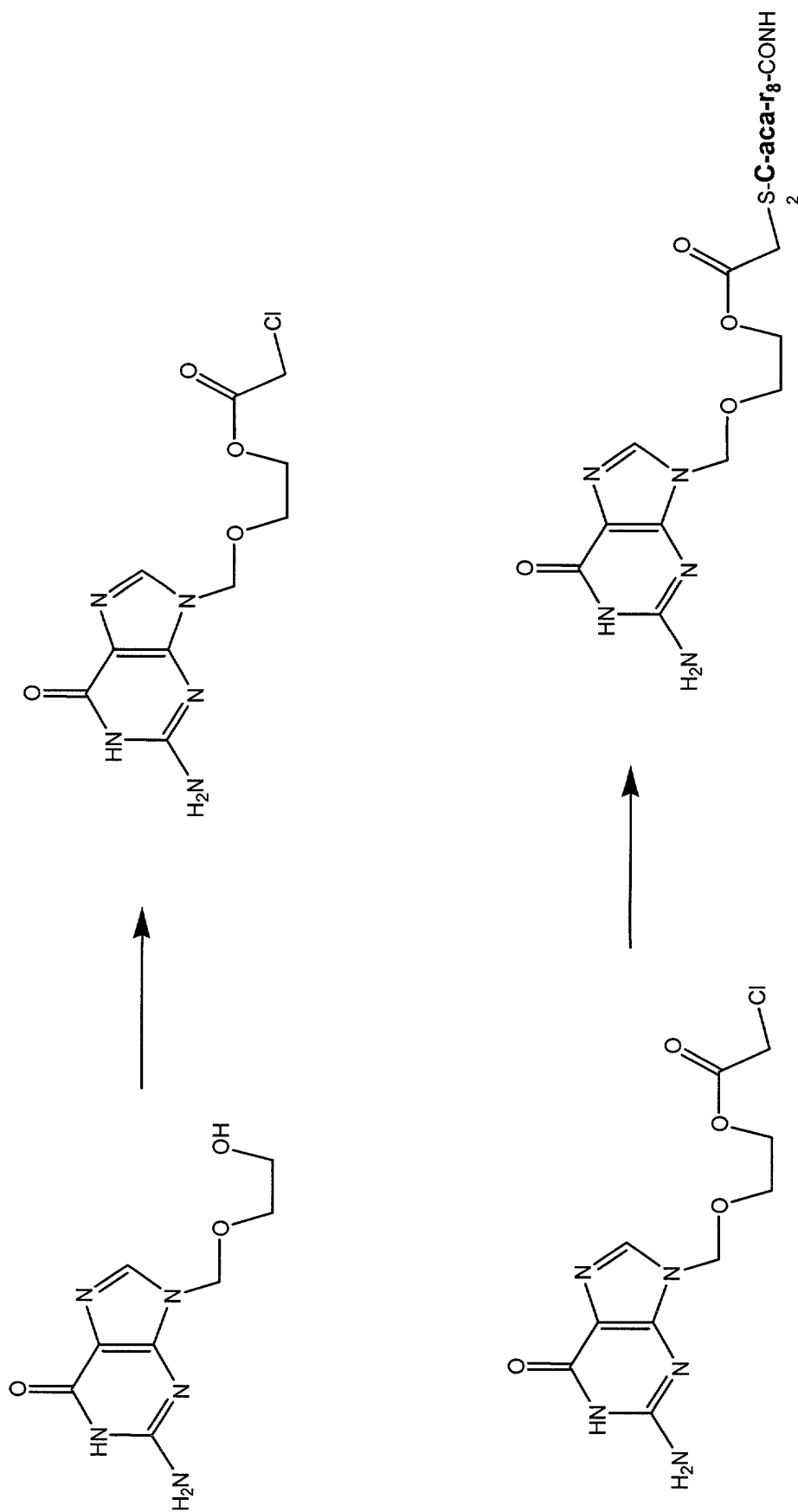


FIGURE 36

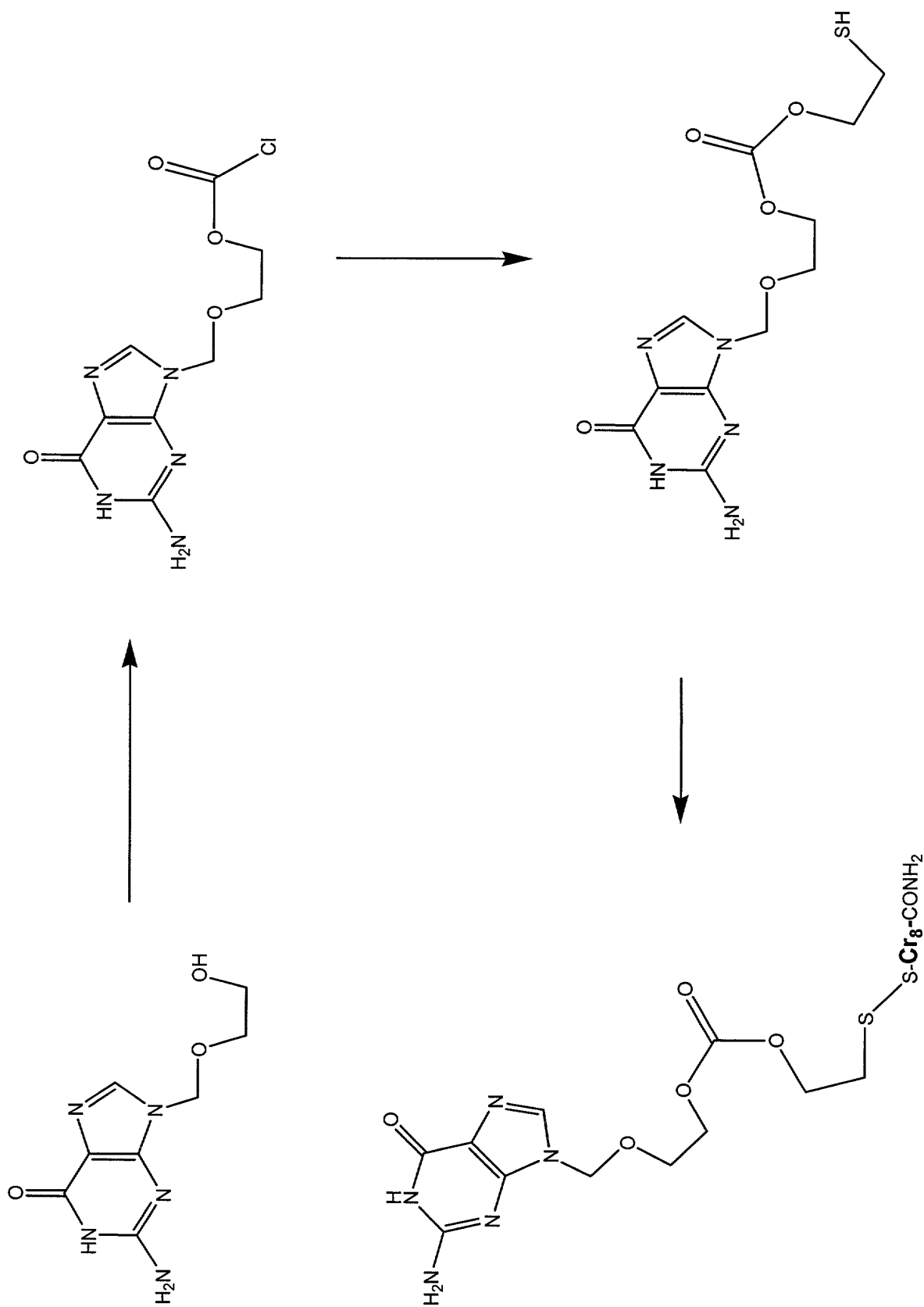


FIGURE 37

